

Engineer's Report

Date: November 2nd, 2015
Re: Current Project Status
Harrisburg, South Dakota

To: Mayor and City Council
From: Stockwell Engineers, Inc.

Project: Comprehensive Master Drainage Plan

Description: Prepare drainage analysis for basins "Tiger", "Coyote" and "Honey Suckle".

Progress Report: LEGENDARY ESTATES BASIN – The hydraulic model prepared indicates that the flooding problem stems from water backing up in the system. We are working on developing an improvement plan that will allow for water to enter the ROW prior to entering homes between Perry Lane and Adrianna Ave.

TIGER BASIN – Stockwell has met with representatives from the Harrisburg school district, Concrete Materials, Showplace Wood Products, and the Devitt brothers regarding the proposed plan to construct a regional detention facility on the Devitt property. The proposed project was well received by all property owners that we spoke with. Stockwell will continue to meet with property owners that will be affected by the project individually to discuss the cost recovery analysis.

COYOTE / HONEYSUCKLE BASIN – Existing conditions model developed and presented to City Staff.

Project: Water Tower

Description: This project is to paint the existing water tower in the Industrial Park.

Progress Report: All contracts have been fully executed. A preconstruction meeting will be conducted prior to Maguire Iron commencing work.

Project: Update Design Standards

Description: Review and update the current design standards and subdivision regulations.

Progress Report: Stockwell has submitted the final draft of their subdivision regulations to city staff for review which completes the final deliverables of this project. City staff has since requested additional reviews of their current regulations which were provided by Stockwell staff.

Project: Central Park – Phase 1

Description: The project includes the development of a concept plan for the park and design and construction of a grading and erosion control package.

Progress Report: Final concept was presented to the City Council and Planning Commission on November 19 and was well received. Next step is to now finish the grading package and work with the City to determine when the grading package will be constructed.

Project: Capital Improvements Plan

- Description: This project includes evaluating the current infrastructure, making recommendations for improvements and assisting in the development of a capital improvements plan.
- Progress Report: Stockwell Engineers are meeting with city staff to compile background data for the CIP. Information regarding fund reserves, debt service, programed expenditures, etc. are being gathered. Once received, Stockwell staff will begin working on a draft for the city to review.

Project: Harvest Acres Addition Street Improvements

- Description: The project includes street repairs in Harvest Acres Addition south of Walnut Street. Two street in Greyhawk Addition have been added to the project; Greyhawk Court and Linden Avenue from Ash Grove Street south.
- Progress Report: For Schedule A, which includes work in Harvest Acres (Columbia Street, Prairie Street, Tiger Street and Prairie Circle), all curb and gutter and asphalt patching is complete and final overlay over all the streets have been completed as well. Only minor punchlist items remain. For Schedule B, all water and sanitary sewer utilities have been installed and tested. All street grading, concrete curb and gutter, gravel installation and asphalt base course has been completed as well. Additional work at the City shop and parking lot at the City Park have also been completed as part of a contract change order. A final inspection will take place on the project later this week.

Project: Wastewater Treatment Facility Upgrade

- Description: The project includes Assisting with land acquisition for a future wastewater treatment facility.
- Progress Report: Landowner letters have been sent to the five additional property owners that own potential sites for the future wastewater treatment facility. As of September 22, two landowners have responded and are willing to discuss the possibility of selling their land for the new facility. The remaining landowners will be contacted again to see if they are interested before moving forward with the individual discussions. In the coming weeks individual landowner meetings will be held to discuss the project and their potential involvement in land negotiations. From these negotiations, one or two final parcels will be decided upon and terms will be negotiated. Stockwell will continue to explore any other potential parcels of land not previously included if they become available or are deemed suitable.
- Stockwell continues to explore several different mechanical treatment options that will meet the city of Harrisburg's wastewater needs. Several treatment options previously discussed are being refined and evaluated to determine the suitability for the city and the land parcels that are available in the area.

Project: *Pick Property Site Restoration*

Description: This project involves the rehabilitation of the existing city well located on the Irma Pick Property

Progress Report: A site visit was held at the Pick Property to determine the extent of the rehabilitation limits. Soil samples have been taken and will be analyzed to determine the topsoil requirements that will be necessary for the replacement topsoil. It is likely the soil that is to be removed will need to be hauled off site unless the landowners find a suitable area to waste the soil on site. The soil to be removed will be excavated to a depth of 12" and replaced with topsoil that meets or exceeds the existing conditions of the topsoil on site. Construction easements for the project are also in the process of being determined. Due to the size of the project it is likely this project will not need to be formally bid and will be completed before the end of 2015.